

# Converting Colors

Hex(627F55)

Have a look what the booklet for  
Hex(627F55) contains.

<b>Hex(627F55)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(627F55)

# Conversions

## Conversions Part 1

Format	Color
Hex	627F55
RGB	98, 127, 85
RGB Percent	38%, 50%, 33%
CMY	0.6157, 0.5020, 0.6667
CMYK	0.23, 0.00, 0.33, 0.50
HSL	101°, 20%, 42%
HSV	101°, 33%, 50%
XYZ	14.2661, 18.4313, 11.4000
YIQ	113.5410, -3.8020, -19.2100

# Conversions

## Conversions Part 2

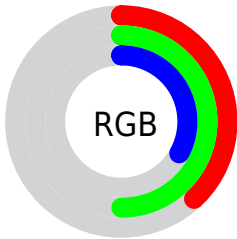
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 127, 114
Decimal	6455125
CIELab	50.02, -18.83, 19.56
CIELCh	50, 27.145, 133.913
Yxy	18.4313, 0.3235, 0.4180
Android (android.graphics.Color)	4284645205 (0xFF627F55)
YUV	113.5410, -14.0707, -13.6295
Hunter-Lab	42.9317, -15.8154, 14.3084

# Details

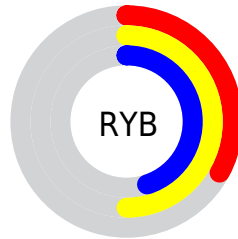
The Hex color **627F55** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **72557F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **95B487**, and **324E27** is the 20% darker color. If you saturate the color by 10%, you get **597F48**, and if you desaturate by 10%, it is **6B7F62**.

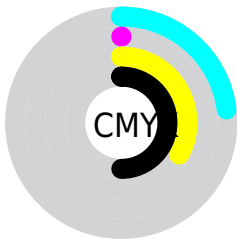
# Distribution



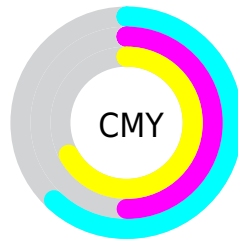
- Red (38%)
- Green (50%)
- Blue (33%)



- Red (33%)
- Yellow (50%)
- Blue (45%)



- Cyan (23%)
- Magenta (0%)
- Yellow (33%)
- Black (50%)



- Cyan (62%)
- Magenta (50%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627F55 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 627F55 by changing the saturation by 10% instead.





627F55



627F55

FFFFFF



4A663E



95B487



324E27



B0CFA1



1C3712



CCECBC



062100



E8FFD8



000000



FFFFFF5



627F55



627F55



597F48



6B7F62



507F3C



747F6E

■ 487F2F

■ 7C7F7B

■ 3F7F22

■ 857F88

■ 367F15

■ 8E7F94

■ 2D7F09

■ 977FA1

■ 277F00

■ 9F7FAE

■ A87FBB

■ B17FC7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7C794A



627F55



468369

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



627F55



427DA3



A4656D

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



627F55



72557F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9C6784



627F55



6876A4

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



627F55



238296



876D98



A06A58

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



627F55



328379



876D98



A36575



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



627F55



9AA695



7F7255



4D544A



D4D4D4



545454



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



627F55



78A663



557F5D



3B4039



278000



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72557F



9163A6



7F5577



3E3940



580080



000000



# Previews

## White Background



This preview shows how the Hex color 627F55 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

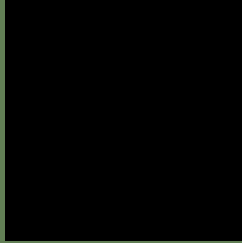
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 627F55 Background



This preview shows how black text looks on a background with the Hex color 627F55.



This preview shows how white text looks on a background with the Hex color 627F55.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
627F55

**Protanopia**  
807751

**Deuteranopia**  
8C7258



**Tritanopia**  
697983

# Trichromacy



**Original Color**  
627F55

**Protanomaly**  
757A52

**Deuteranomaly**  
7D7757

**Tritanomaly**  
667B72

# Monochromacy



**Original Color**  
627F55

**Achromatopsia**  
727272

**Achromatomaly**  
6C7767

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627F55 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #627F55 looks like.

```
.text, #text, p{  
    color:#627F55  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #627F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627F55
}
```

## Border

The CSS property to change the border of an element to Hex 627F55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#627F55 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#627F55 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #627F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627F55; -webkit-box-shadow:4px 4px  
4px 4px #627F55; box-shadow:4px 4px 4px  
4px #627F55 }
```

# Background

The CSS property to change the background color of an element to Hex 627F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627F55 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#627F55 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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